

ABSTRACT OF THE DISCLOSURE

A spool for winding an optical fiber includes flanges attached to each other using an ultrasonic fusion splicer. The spool has first and second cylindrical barrels, on which the optical fiber is wound. The flanges have a disk shape and protrude
5 radially from the first and second cylindrical barrels so as to restrict the winding area of the optical fiber. Ultrasonic fusion splicing points form along a junction by engaging the first and second cylindrical barrels in an axial direction so as to face each other, locating a head of an ultrasonic fusion splicer on the junction and generating an ultrasonic wave from the head to the junction so as to fusion splice the first and second
10 flanges together.